INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/07476

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H03M13/19			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ H03M13/19			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003 Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
A ()	JP 2001-168733 A (Thomson-CS	F),	1-12
, v	22 June, 2001 (22.06.01), Fig. 2 & EP 1093231 A1		
A 🕘	JP 06-223095 A (Canon Inc.), 12 August, 1994 (12.08.94), Fig. 4 & EP 0611054 A2		1-12
A (3)	JP 06-223096 A (Canon Inc.), 12 August, 1994 (12.08.94), Fig. 3 & EP 0611054 A2		1-12
1			
Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
		"X" document of particular relevance; the considered novel or cannot be considered.	claimed invention cannot be
		step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be	
special reason (as specified) "O," document referring to an oral disclosure, use, exhibition or other		considered to involve an inventive step when the document is combined with one or more other such documents, such	
means "P" document published prior to the international filing date but later than the priority date claimed		combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 17 September, 2003 (17.09.03)		Date of mailing of the international search report 30 September, 2003 (30.09.03)	
Name and mailing address of the ISA/ Authorized officer			
Japanese Patent Office			
Telephone No.			